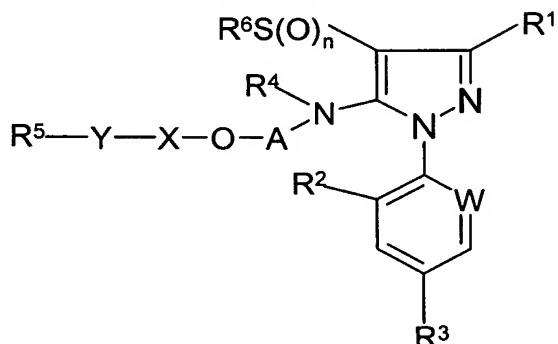


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A compound of formula (I):



(I)

wherein:

R¹ is CN, CSNH₂ or C(=N-Z)-S(O)_r-Q;

Z is H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-alkenyl, (C₃-C₆)-alkynyl, -(CH₂)_qR⁷, COR⁸, CO₂-(C₁-C₆)-alkyl or S(O)_pR⁸;

Q is (C₁-C₆)-alkyl or CH₂R⁷;

W is C-halogen, C-CH₃ or N;

R² is hydrogen, halogen or CH₃;

R³ is (C₁-C₃)-haloalkyl, (C₁-C₃)-haloalkoxy or SF₅;

R⁴ is hydrogen, (C₂-C₆)-alkenyl, (C₂-C₆)-haloalkenyl, (C₂-C₆)-alkynyl, (C₂-C₆)-haloalkynyl, (C₃-C₇)-cycloalkyl, (C₃-C₇)-cycloalkyl-(C₁-C₆)-alkyl, CO₂-(C₁-C₆)-alkyl, CO₂-(C₃-C₆)-alkenyl, CO₂-(C₃-C₆)-alkynyl, CO₂-(CH₂)_mR⁷ or SO₂R⁸; or (C₁-C₆)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, (C₃-C₆)-alkenyloxy, (C₃-C₆)-haloalkenyloxy, (C₃-C₇)-cycloalkyl, S(O)_pR⁸, CN, NO₂, OH, COR⁹, NR⁹R¹⁰, S(O)_pR⁷, OR⁷ and CO₂R⁹;

A is (C₁-C₆)-alkylene or (C₁-C₆)-haloalkylene;

X is C(=O), C(=S) or SO₂;

Y is O, NR¹¹ or a covalent bond;

R⁵ is (C₃-C₆)-alkenyl, (C₃-C₆)-haloalkenyl, (C₃-C₆)-alkynyl, (C₃-C₆)-haloalkynyl, (C₃-C₇)-cycloalkyl, (C₃-C₇)-cycloalkyl-(C₁-C₆)-alkyl, -(CH₂)_qR⁷ or -(CH₂)_qR¹²; or is (C₁-C₆)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, (C₃-C₆)-alkenyloxy, (C₃-C₆)-haloalkenyloxy, (C₃-C₆)-alkynyloxy, (C₃-C₆)-haloalkynyloxy, (C₃-C₇)-cycloalkyl, S(O)_pR⁸, CN, NO₂, OH, COR⁹, NR⁹R¹⁰, S(O)_pR⁷, OR⁷ and CO₂R⁹;

R⁶ is (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₂-C₆)-alkenyl, (C₂-C₆)-haloalkenyl, (C₂-C₆)-alkynyl or (C₂-C₆)-haloalkynyl;

R⁷ is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, CN, NO₂, S(O)_pR⁸, COR¹⁰, COR¹³, CONR⁹R¹⁰, SO₂NR⁹R¹⁰, NR⁹R¹⁰ and OH;

R⁸ is (C₁-C₆)-alkyl or (C₁-C₆)-haloalkyl;

R⁹ and R¹⁰ are each independently H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-alkenyl, (C₃-C₆)-haloalkenyl, (C₃-C₆)-alkynyl, (C₃-C₆)-cycloalkyl or -(C₁-C₆)-alkyl-(C₃-C₆)-cycloalkyl; or

R⁹ and R¹⁰ together with the attached N atom form a five- or six-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl and (C₁-C₆)-haloalkyl;

R¹¹ is H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-alkenyl or (C₃-C₆)-alkynyl;

R¹² is heterocyclyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₄)-alkyl, (C₁-C₄)-haloalkyl, (C₁-C₄)-alkoxy, (C₁-C₄)-haloalkoxy, NO₂, CN, CO₂(C₁-C₆)-alkyl, S(O)_pR⁸, OH and oxo;

R¹³ is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, CN, NO₂, S(O)_pR⁸ and NR⁹R¹⁰;

n, p and r are each independently zero, one or two;

m and q are each independently zero or one; and

each heterocyclyl in the above-mentioned radicals is independently a heterocyclic radical having 3 to 7 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S; or a pesticidally acceptable salt thereof.

2. (Original) A compound or a salt thereof as claimed in claim 1 wherein R¹ is CN or CSNH₂.

3. (Currently Amended) A compound or a salt thereof as claimed in claim 1 or 2 wherein R⁶ is CF₃.

4. (Currently Amended) A compound or a salt thereof as claimed in claim 1, 2 or 3 wherein R¹ is CN, CSNH₂ or C(=N-Z)-S-Q;

Z is H, (C₁-C₃)-alkyl, -(CH₂)_qR⁷, COR⁸, CO₂-(C₁-C₃)-alkyl or S(O)_pR⁸;

Q is (C₁-C₃)-alkyl;

W is C-Cl;

R² is Cl;

R³ is CF₃;

R⁴ is hydrogen, (C₂-C₄)-alkenyl, (C₂-C₄)-alkynyl, (C₃-C₇)-cycloalkyl, CO₂-(C₁-C₄)-alkyl, CO₂-(C₃-C₄)-alkenyl, CO₂-(C₃-C₄)-alkynyl, CO₂-(CH₂)_mR⁷ or SO₂R⁸; or (C₁-C₃)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₃)-alkoxy, S(O)_pR⁸ and CO₂-(C₁-C₃)-alkyl);

A is -CH₂CH₂- or -CH₂CH₂CH₂-;

X is C(=O) or SO₂;

Y is O, NH or a covalent bond;

R⁵ is (C₃-C₄)-alkenyl, (C₃-C₄)-alkynyl, -(CH₂)_qR⁷, (C₁-C₃)-alkyl or (C₁-C₃)-haloalkyl;

R⁶ is CF₃;

each R⁷ is independently phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₃)-alkyl, (C₁-C₃)-haloalkyl, (C₁-C₃)-alkoxy, (C₁-C₃)-haloalkoxy, CN, NO₂ and S(O)_pR⁸; and

each R⁸ is independently (C₁-C₃)-alkyl or (C₁-C₃)-haloalkyl.

5. (Currently Amended) A compound or a salt thereof as claimed in ~~any one of claims 1 to 4~~ claim 1 wherein R^1 is CN or $CSNH_2$;

W is $C-Cl$;

R^2 is Cl ;

R^3 is CF_3 ;

R^4 is (C_1-C_3) -alkyl;

A is $-CH_2CH_2-$ or $-CH_2CH_2CH_2-$;

X is $C(=O)$;

Y is O, NH or a covalent bond;

R^5 is (C_3-C_4) -alkenyl, (C_3-C_4) -alkynyl, $-(CH_2)_qR^7$, (C_1-C_3) -alkyl or (C_1-C_3) -haloalkyl;

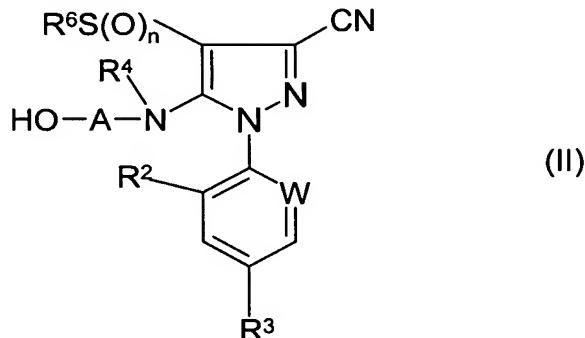
R^6 is CF_3 ;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_3) -alkyl, (C_1-C_3) -haloalkyl, (C_1-C_3) -alkoxy, (C_1-C_3) -haloalkoxy, CN, NO_2 and $S(O)_pR^8$; and

R^8 is (C_1-C_3) -alkyl or (C_1-C_3) -haloalkyl.

6. (Currently Amended) A process for the preparation of a compound of formula (I) or a salt thereof as defined in ~~any one of claims 1 to 5~~ claim 1, which process comprises:

a) ~~where when~~ R^2 , R^3 , R^4 , R^5 , R^6 , W , A and n are as defined in claim 1, R^1 is CN, and Y and X are as defined in claim 1 with the exclusion of compounds in which $-Y-X-$ is $-NH-CO-$ or $-NH-CS-$, acylating or sulfonylating a compound of formula (II):



wherein R^2 , R^3 , R^4 , R^6 , W , A and n are as defined in formula (I), with a compound of formula (III):



wherein Y and X are as defined in formula (I) with the exclusion of compounds in which -Y-X- is -NH-CO- or -NH-CS-, and L is a leaving group; or

b) where when R¹ is CN, and R², R³, R⁴, R⁵, R⁶, W, A and n are as defined in claim 1, reacting a compound of formula (II) wherein R¹, R², R³, R⁴, R⁵, R⁶, W, A and n are as defined in claim 1 and -Y-X- is -NH-CO- or -NH-CS-, with an isocyanate or isothiocyanate compound of formula (IV) or (V):



wherein R⁵ is as defined in formula(I); or

c) where when R¹ is CN, n is 1 or 2, and R², R³, R⁴, R⁵, R⁶, W, A, X and Y are as defined in claim 1, oxidising oxidizing a corresponding compound in which n is 0 or 1; or

d) where when R¹ is CSNH₂, and R², R³, R⁴, R⁵, R⁶, W, A, X, Y and n are as defined in claim 1, reacting the corresponding compound of formula (I) wherein R¹ is CN, with an alkali or alkaline earth metal hydrosulfide, or with the reagent Ph₂PS₂; or

(e) where when R¹ is CSNH₂, and R², R³, R⁴, R⁵, R⁶, W, A, X, Y and n are as defined in claim 1, reacting the corresponding compound of formula (I) wherein R¹ is CN, with a bis(trialkylsilyl)sulfide, in the presence of a base; or

(f) where when R¹ is C(=N-H)-S-Q, and Q, R², R³, R⁴, R⁵, R⁶, W, A, X, Y and n are as defined in claim 1, reacting the corresponding compound of formula (I) wherein R¹ is CSNH₂ with an alkylating agent of formula (VI) or (VII):



wherein Q is as defined in formula (I) and L¹ is a leaving group; or

(g) where when R¹ is C(=N-Z)-S-Q, Z is as defined in claim 1 with the exclusion of H, and the other values are as defined in formula (I), alkylating, acylating or sulfonylating the corresponding compound of formula (I) wherein Z is H, with a compound of formula (VIII):



wherein Z is as defined in formula (I) with the exclusion of H, and L² is a leaving group; and

(h) if desired, converting a resulting compound of formula (I) into a pesticidally acceptable salt thereof.

7. (Currently Amended) A pesticidal composition comprising a pesticidally effective amount of a compound of formula (I) or a pesticidally acceptable salt thereof as defined in any one of claims 1 to 5 claim 1, in association with a pesticidally acceptable diluent or carrier and/or surface active agent.

8.-9. (Cancelled)

10. (Currently Amended) A method for controlling pests at a locus which comprises applying ~~thereto an~~ to said locus a pesticidally effective amount of a compound of formula (I) or a salt thereof as claimed in ~~any one of claims 1 to 5 or of a composition according to claim 7~~ claim 1.

11. (New) A method for controlling pests at a locus which comprises applying to said locus a pesticidally effective amount of a composition as claimed in claim 7.

12. (New) A veterinary medicament comprising a pesticidally effective amount of a compound of formula (I) or a salt thereof as claimed in claim 1, in association with a veterinarianily acceptable diluent or carrier and/or surface active agent.

13. (New) A method for the control of pests in or on an animal which comprises administering to said animal a pesticidally effective amount of a compound of formula (I) or a salt thereof as claimed in claim 1.

14. (New) A method for the control of pests in or on an animal which comprises administering to said animal a pesticidally effective amount of a veterinary medicament as claimed in claim 12.

15. (New) A compound or a salt thereof as claimed in claim 2 wherein R^6 is CF_3 .

16. (New) A compound or salt thereof as claimed in claim 4, wherein R^1 is CN or $CSNH_2$.

17. (New) A compound or a salt thereof as claimed in claim 1, wherein R^1 is CN, R^4 is CH_3 , R^6 is CF_3 , A is $-CH_2CH_2-$, W is C-Cl, R^2 is Cl and R^3 is CF_3 .

18. (New) The compound or salt thereof as claimed in claim 17, wherein:

- (a) X is C(=O), Y is O, R^5 is CH_3 and n is 1;
- (b) X is C(=O), Y is O, R^5 is 4-nitrophenyl and n is 2;
- (c) X is C(=O), Y is a covalent bond, R^5 is CH_3 and n is 2;
- (d) X is C(=O), Y is a covalent bond, R^5 is CH_2OCH_3 and n is 2;
- (e) X is C(=O), Y is a covalent bond, R^5 is 4-trifluoromethylphenyl and n is 2;
- (f) X is C(=O), Y is a covalent bond, R^5 is 2,6-difluorophenyl and n is 2;
- (g) X is C(=O), Y is a covalent bond, R^5 is 2-fluorophenyl and n is 2;
- (h) X is C(=O), Y is NH, R^5 is 4-ethoxyphenyl and n is 2;
- (i) X is C(=O), Y is NH, R^5 is 4-trifluoromethoxyphenyl and n is 2;
- (j) X is SO_2 , Y is a covalent bond, R^5 is propyl and n is 2;

- (k) X is SO₂, Y is a covalent bond, R⁵ is 4-chlorophenyl and n is 2; or
- (l) X is SO₂, Y is a covalent bond, R⁵ is 4-methylphenyl and n is 2.